INDEX

Arkhipov, Yu. V., Baimbetov, F. B., Davletov, A. E. and Starikov, K. V. On the electrical conductivity of semiclassical two-component plasmas, 81

Atanassova, S. *see* Petrov, G. M. et al.

Baimbetov, F. B. *see* Arkhipov, Yu. V. et al.

Balmforth, N. J. and Kerswell, R. R. Saturation of electrostatic instability in two-species plasma, 87

Bandyopadhyay, A. and Das, K. P. Higher-order growth rate of instability of obliquely propagating kinetic Alfvén and ion-acoustic solitons in a magnetized non-thermal plasma, 285

Bingham, R., Dawson, J. M. and Shapiro, V. D. Particle acceleration by lower-hybrid turbulence, 161

Calzada, M. D. *see* Luque, J. M. et al.

Campos, L. M. B. C., Saldanha, R. L. and Isaeva, N. L. On three-dimensional magnetosonic waves in an isothermal atmosphere with a horizontal magnetic field, 331

Chen, Q. C. *see* Sun, A. P. et al.

Chen, Y.-P. Excitation of Bernstein waves by energetic pickup ions, 119

Das, A. C. *see* Shaikh, A. A. and Das, A. C.

Das, K. P. *see* Bandyopadhyay, A. and Das, K. P.

Davletov, A. E. *see* Arkhipov, Yu. V. et al.

Dawson, J. M. *see* Bingham, R. et al.

Dubinin, E., Sauer, K. and McKenzie, J. F. Solitons and oscillitons in cold bi-ion plasmas: a parameter study, 27

Dzhumagulova, K. N. *see* Ramazanov, T. S. and Dzhumagulova, K. N.

Erofeev, V. I. Impossibility of Zakharov's short-wavelength modulational instability in plasmas with intense Langmuir turbulence, 1

Girka, I. O. and Lapshin, V. I. Helicity resonant influence on the local Alfvén resonance structure in straight stellarators, 257

Girka, V. O. Excitation of surface cyclotron O modes by charged-particle beams, 129

Isaeva, N. L. *see* Campos, L. M. B. C. et al.

Kerswell, R. R. *see* Balmforth, N. J. and Kerswell, R. R.

Knight, P. J. *see* Thyagaraja, A. et al.

Kryshtal, A. N. Low-frequency wave instabilities in a plasma with a quasistatic electric field and weak spatial inhomogeneity, 137

Kuo, S. P. Generation of extra and very low-frequency (ELF/VLF) radiation by ionospheric electrojet modulation using high-frequency (HF) heating waves, 267

Lapshin, V. I. *see* Girka, I. O. and Lapshin, V. I.

Lerche, I. *see* Schlickeiser, R. and Lerche, I.

Li, X. Q. and Zhang, H. Magnetic viscosity due to collapsing flux cells, 149

Loureiro, N. *see* Thyagaraja, A. et al.

Luque, J. M., Calzada, M. D. and Sáez, M. Simulation of the effect of random noise on Gaussian and Lorentzian width in a Voigt profile, 203

Malik, H. K. Energy gain by an electron in the fundamental mode of a rectangular waveguide by microwave radiation, 211

McKenzie, J. F. *see* Dubinin, E. et al.

Mellor, C., Titov, V. S. and Priest, E. R. Linear collapse of spatially linear, two-dimensional null points, 221

Mishinsky, G. V. *see* Petrov, G. M. et al.

Núñez, M. Conversion of magnetic energy and the width of current sheets, 53

Pandey, B. P. *see* Roy, S. and Pandey, B. P.

Pant, H. C. *see* Upadhyay, A. et al.

Petrov, G. M., Atanassova, S., Zhechev, D., Mishinsky, G. V. and Zhemenik, V. I. Electron kinetics and selective ionization of recoil atoms in an ion guide ion source plasma, 321

Priest, E. R. *see* Mellor, C. et al.

Qiu, X. M. *see* Sun, A. P. et al.

Ramazanov, T. S. and Dzhumagulova, K. N. Ionization equilibrium and thermodynamic and transport properties of a non-ideal hydrogen plasma, 241

Roy, S. and Pandey, B. P. Plasma–wall interaction inside a Hall thruster, 305

Sáez, M. *see* Luque, J. M. et al.

Saldanha, R. L. *see* Campos, L. M. B. C. et al.

Sauer, K. *see* Dubinin, E. et al.

Schilling, O. and Zhou, Y. Triadic energy transfers in non-helical magnetohydrodynamic turbulence, 389

Schlickeiser, R. and Lerche, I. Relations between interstellar density and magnetic field fluctuations. I. Kinetic theory of fluctuations, 191

Shaikh, A. A. and Das, A. C. Does neutral dynamics suppress instabilities in partially ionized plasma?, 173

Shaikhislamov, I. F. MHD analysis of the current-driven flute instability of a plasma, 59

Shapiro, V. D. *see* Bingham, R. et al.

Sharma, A. K. *see* Upadhyay, A. et al.

Starikov, K. V. *see* Arkhipov, Yu. V. et al.

Sun, A. P., Qiu, X. M., Tong, H. H. and Chen, Q. C. Ion transport in electrode sheath with non-uniform dusts, 249

Thyagaraja, A., Loureiro, N. and Knight, P. J. Spectral and evolutionary analysis of advection–diffusion equations and the shear flow paradigm, 363

Titov, V. S. *see* Mellor, C. et al.

Tong, H. H. *see* Sun, A. P. et al.

Tripathi, V. K. *see* Upadhyay, A. et al.

Upadhyay, A., Tripathi, V. K., Sharma, A. K. and Pant, H. C. Asymmetric self-focusing of a laser pulse in plasma, 75

Zhang, H. *see* Li, X. Q. and Zhang, H.

Zhechev, D. *see* Petrov, G. M. et al.

Zhemenik, V. I. *see* Petrov, G. M. et al.

Zhou, Y. *see* Schilling, O. and Zhou, Y.